

Amendments to the Specification

Replace the section BRIEF DESCRIPTION OF THE DRAWINGS with:

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Figure 1 illustrates a standard contrast adjustment.

Figure 2 is a flow chart illustrating adaptive color contrast in accordance with the present invention.

Figure 3 illustrates a “snapping” process.

Figure 4A illustrates the dark range case ~~and its transfer function~~.

Figure 4B illustrates the transfer function of the dark range case of Figure 4A.

Figure 5A illustrates the mid-tone range case ~~and its transfer function~~.

Figure 5B illustrates the transfer function of the mid tone range case of Figure 5A.

Figure 6A illustrates the bright range case ~~and its transfer function~~.

Figure 6B illustrates the transfer function of the bright range case of Figure 6A.

Figure 7 illustrates modifying the blended contrast control response so that display dynamic range is fully utilized.

Figure 8 shows a representative hardware data path diagram.